

Title (en)
MOBILE TERMINATING INFORMATION DELIVERY FOR MULTIPLE USIM UE

Title (de)
BEREITSTELLUNG VON INFORMATIONEN ÜBER MOBILE ANRUFZUSTELLUNG FÜR MULTI-USIM-BENUTZERGERÄT

Title (fr)
DISTRIBUTION D'INFORMATIONS SE TERMINANT SUR UN MOBILE POUR UN UE À PLUSIEURS USIM

Publication
EP 4042766 A1 20220817 (EN)

Application
EP 20789906 A 20201006

Priority
• US 201962913912 P 20191011
• EP 2020077982 W 20201006

Abstract (en)
[origin: WO2021069431A1] A method performed by a UE having multiple USIMs is provided. The method includes registering the UE in a first PLMN. The method includes moving the UE into a CM-connected state in the first PLMN. The method includes setting up a PDU session in the first PLMN. The method includes using a DNS, via the PDU session in the first PLMN, to select a N3IWF in a second PLMN. The method includes accessing the N3IWF via IP connectivity provided by the first PLMN and initiating a registration procedure with an AMF node in the second PLMN using the N3IWF, the UE indicating that the AMF node shall only use N3IWF for NAS notifications after registration. The method includes completing the registration procedure to register with the second PLMN. The method includes setting up a PDU session with a SMF node in the second PLMN without user plane resources.

IPC 8 full level
H04W 60/00 (2009.01); **H04W 68/12** (2009.01); **H04W 76/12** (2018.01); **H04W 76/16** (2018.01); **H04W 88/06** (2009.01)

CPC (source: CN EP US)
H04W 60/005 (2013.01 - CN EP US); **H04W 68/12** (2013.01 - CN EP); **H04W 76/12** (2018.02 - CN); **H04W 76/15** (2018.02 - US); **H04W 76/16** (2018.02 - CN EP); **H04W 88/06** (2013.01 - CN); **H04W 76/12** (2018.02 - EP); **H04W 84/042** (2013.01 - US); **H04W 88/06** (2013.01 - EP)

Citation (search report)
• [YA] WO 2018145654 A1 20180816 - ZTE CORP [CN] & EP 3585107 A1 20191225 - ZTE CORP [CN]
• [A] WO 2018199649 A1 20181101 - SAMSUNG ELECTRONICS CO LTD [KR]
• [Y] WO 2019064068 A1 20190404 - LENOVO SINGAPORE PTE LTD [SG]
• [YA] "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; System Architecture for the 5G System; Stage 2 (Release 16)", vol. SA WG2, 11 July 2019 (2019-07-11), XP051756434, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg_sa/WG2_Arch/Latest_SA2_Specs/DRAFT_INTERIM/DRAFT_23501-g20_CRs_Implemented.zip> [retrieved on 20190711]
• [A] TENCENT: "Small Data over NAS PDU Session Management", vol. SA WG2, no. Kochi, India; 20190121 - 20190125, 15 January 2019 (2019-01-15), XP051589768, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg%5Fsa/WG2%5FArch/TS2%5F130%5FKochi/Docs/S2%2D1900077%2Ezip> [retrieved on 20190115]
• [A] QUALCOMM INCORPORATED: "TS 23.502: Support of PDU sessions over non-3GPP access for UEs in CM- IDLE state over non-3GPP access", vol. SA WG2, no. Hangzhou; 20170515 - 20170519, 9 May 2017 (2017-05-09), XP051268598, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg_sa/WG2_Arch/TS2%5F121_Hangzhou/Docs/> [retrieved on 20170509]
• [Y] 3GPP: "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Procedures for the 5G System; Stage 2 (Release 15)", 3GPP STANDARD; TECHNICAL SPECIFICATION; 3GPP TS 23.502, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, no. V15.4.1, 31 January 2019 (2019-01-31), pages 1 - 347, XP051591605
• [A] "3rd Generation Partnership Project; Technical Specification Group Core Network and Terminals; 5G System; Access and Mobility Management Services; Stage 3 (Release 16)", 23 September 2019 (2019-09-23), XP051779183, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/Email_Discussions/CT4/CT85/Final/29518-g10.zip> [retrieved on 20190923]
• See also references of WO 2021069431A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2021069431 A1 20210415; BR 112022005253 A2 20220614; CN 114514783 A 20220517; EP 4042766 A1 20220817; JP 2022552641 A 20221219; JP 7370460 B2 20231027; US 12127150 B2 20241022; US 2022330195 A1 20221013

DOCDB simple family (application)
EP 2020077982 W 20201006; BR 112022005253 A 20201006; CN 202080070948 A 20201006; EP 20789906 A 20201006; JP 2022519611 A 20201006; US 202017642744 A 20201006